

Form PTO-1449  
(Rev. 8-83)  
(modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
12015US05

SERIAL NO.  
09/822,693

APPLICANT(s):

Roberts et al.

FILING DATE

March 30, 2001

GROUP ART UNIT:

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>h</i>	3,300,345	01/67	Lyons	<del>436</del>	<del>86</del>	
<i>h</i>	3,379,572	04/68	Gay	<del>136</del>	<del>86</del>	
<i>h</i>	4,243,731	01/81	Cheron	429	13	
<i>h</i>	4,279,711	07/81	Vining et al.	204	105R	
<i>h</i>	4,294,892	10/81	Alfenaar	429	13	
<i>h</i>	4,420,544	12/83	Lawson et al.	429	13	
<i>h</i>	4,555,452	11/85	Kahara et al.	429	13	
<i>h</i>	4,810,595	03/89	Kahara et al.	429	16	
<i>h</i>	4,910,099	03/90	Gottesfeld	<del>429</del> 429	13	
<i>h</i>	5,432,021	07/95	Wilkinson et al.	429	17	
<i>h</i>	5,436,086	07/95	Seymour et al.	429	17	
<i>h</i>	5,482,680	01/96	Wilkinson et al.	422	177	
<i>h</i>	5,601,936	02/97	Dudfield et al.	429	13	
<i>h</i>	5,677,073	10/97	Kawatsu	429	22	
<i>h</i>	5,798,186	08/98	Fletcher et al.	429	13	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>h</i>	1,296,831	11/72	Great Britain	—	—		
<i>h</i>	0 018 693	11/80	Europe	—	—		
<i>h</i>	63-26961	02/88	Japan	—	—	X (abstract)	
<i>h</i>	63-170865	07/88	Japan	—	—	X (abstract)	
<i>h</i>	WO 95/18469	07/95	PCT	—	—		
<i>h</i>	7-302607	11/95	Japan	—	—	X (abstract)	
<i>h</i>	2 290 409	12/95	Great Britain	—	—		
<i>h</i>	0 692 835	01/96	Europe	—	—		
<i>h</i>	0 701 294	03/96	Europe	—	—		

EXAMINER

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JUN 18 2001

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## FOREIGN PATENT DOCUMENTS

<i>n</i>	0 710 996	05/96	Europe	—	—		
<i>n</i>	0 736 921	10/98	Europe	—	—		
<i>n</i>	WO 98/42038	09/98	PCT	—	—	X	
<i>n</i>	10-270065	10/98	Japan	—	—	X (abstract)	
<i>n</i>	WO 99/34465	07/99	PCT	—	—		
<i>n</i>	WO 99/59217	11/99	PCT	—	—	X	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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EXAMINER

*J. Cyprian*

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*10/24/02*

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Form PTO-1449 (Rev. 8-83) (modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. <b>12015US05</b>	SERIAL NO. 09/822,693
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		APPLICANT(s): Roberts et al.	
		FILING DATE March 30, 2001	GROUP ART UNIT: 1745

[illegible][illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER <u>J. Cyprian</u>	DATE CONSIDERED: <u>10/24/02</u>
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## INFORMATION/ DISCLOSURE CITATION


[illegible]

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>n</i>	2,282,434	09/1998	Canada	—	—		

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